

TO THE SENATE OF THE UNIVERSITY OF TORONTO:

GENTLEMEN:

I beg to recommend that the Thesis entitled:—

- "I. The Absorption of the Different Types of Beta Rays together with a Study of the Secondary Rays excited by them.
- II. On the Secondary Rays excited by the Alpha Rays from Polonium. Part I.

On the Secondary Rays excited by the Alpha Rays from Polonium. Part II."

submitted by Mr. Vivian Ellsworth Pound, be accepted for the Degree of Doctor of Philosophy. I certify that "it is a distinct contribution to the knowledge of the subject of which it treats".

(Signed) J. C. McLENNAN,
Professor of Physics.

March 28th, 1912.

I hereby certify that the Thesis above mentioned has been accepted by the Senate of the University of Toronto for the Degree of Doctor of Philosophy in accordance with the terms of the Statute in that behalf.

(Signed) JAMES BREBNER,
Registrar.

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UNIVERSITY OF TORONTO,
May 30th, 1913. L